



## ALPHA TEC High Temperature Grease EP2

### TECHNICAL SPECIFICATIONS

#### Product Description

GRADE NLGI2

A complex synthetic grease with superior performance in extreme heat and contact with salt water, acids, and various chemicals, making it the ideal choice for special industrial applications.

Thickened with an inorganic thickener for stability.

Extreme pressure additives ensure durability under pressure.

Resistant to high and low temperatures for multiple uses.

Excellent resistance to fresh water, salt water, rust, and oxidation.

Begins to drip at temperatures above 450 degrees.

Operating temperature range: 30 to +600 degrees Celsius.



#### Applications

This product is primarily recommended for lubricating bearings and friction parts of high-temperature and heavy-duty equipment such as vessels and ships operating in high humidity and acidic environments, and primarily in contact with saline seawater. It is also recommended for use in the cement, ceramics, glass, textiles, and metals industries. For example, bearings in kilns, bearings and chains in baking equipment and ovens, wheels in baking machines, in the production of dry operating equipment, wheels, as well as in dry hydraulic machines.

#### Specifications

| ITEM                           | TEST METHODS          | Quality Index                     |
|--------------------------------|-----------------------|-----------------------------------|
| GRADE                          | ASTM D 217            | NLGI 2                            |
| APPEARANCE                     | VISUAL                | SMOOTH                            |
| Working penetration,0.1mm      | ASTM D 217/DIN 51 818 | 275                               |
| Drop point                     | GB/T3498              | None                              |
| Corrosion                      | GB/T4929              | Copper no green or black changing |
| Steel wire mesh oil separation | SH/T0324              | 1                                 |
| Corrosion resistance(52°C,48h) | QB/T5018              | Qualified                         |
| Operating temprature           | D 2270                | 30°C - 600°C                      |

#### Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at : [www.alphaenergy.com.eg](http://www.alphaenergy.com.eg)